

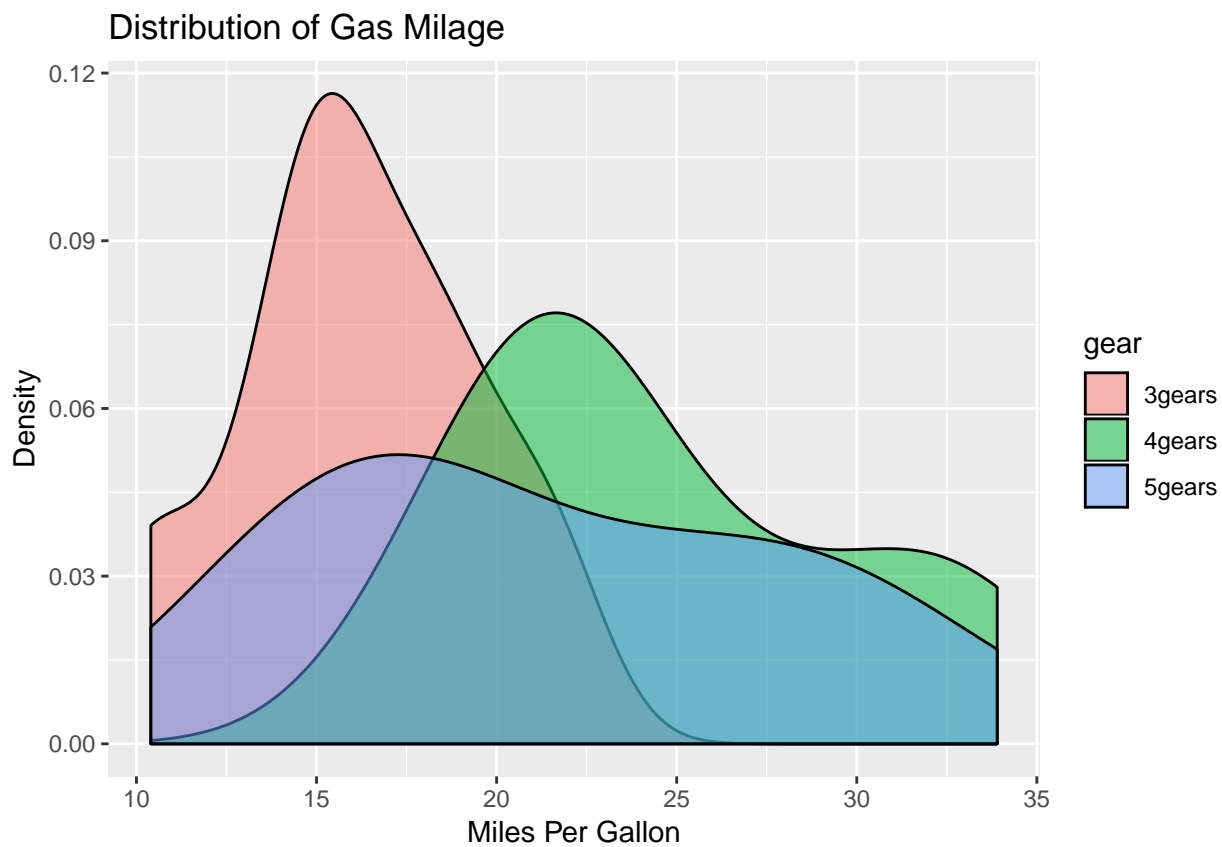
ggplot 2 Examples

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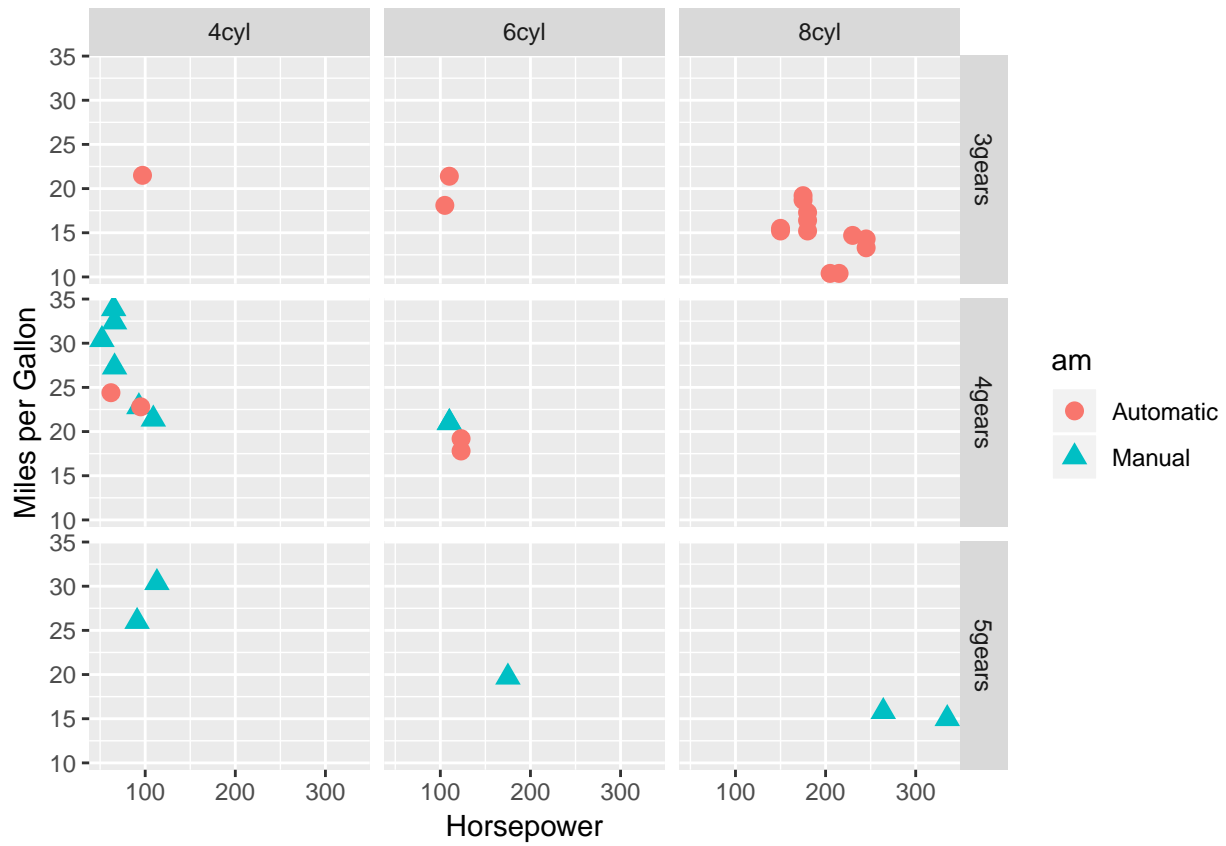
20 December, 2018

Create factors with value labels

Plots for mpg grouped by no. of gears (indicated by color)

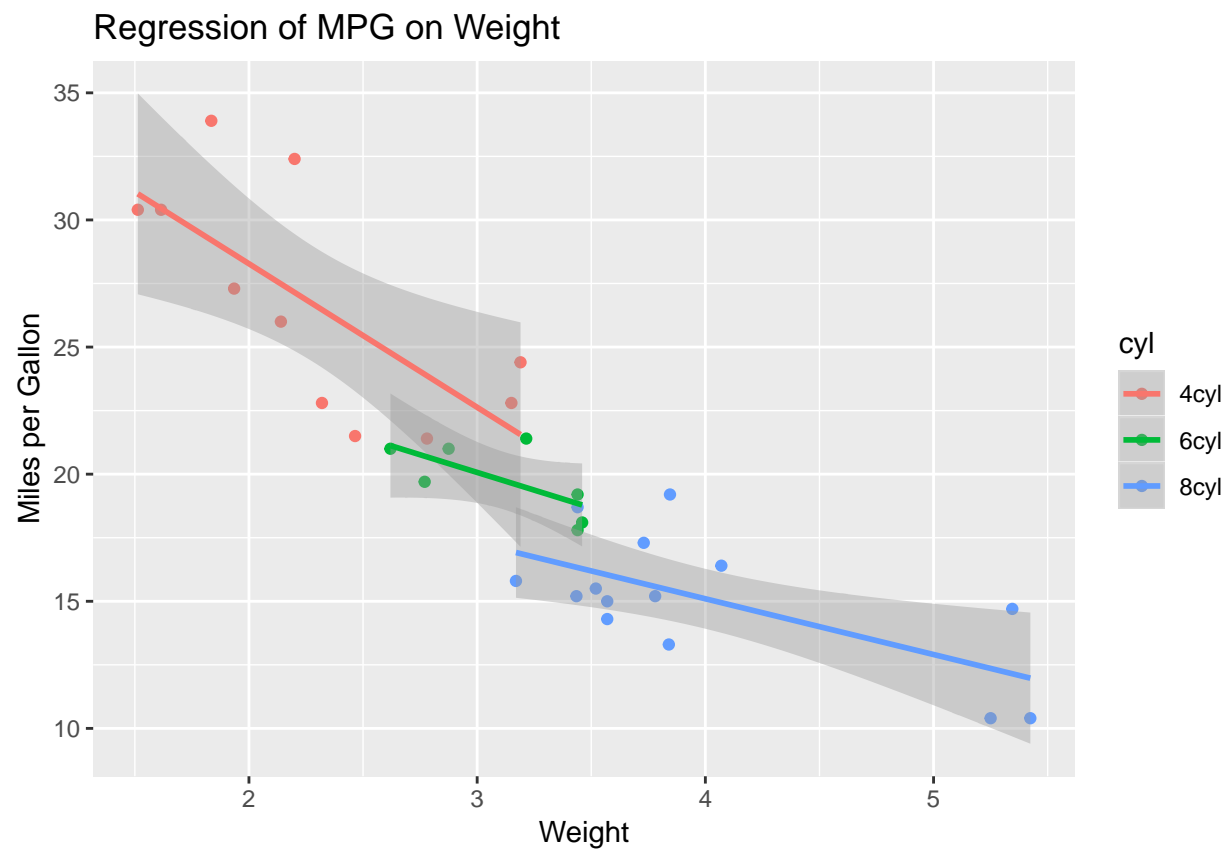


Scatterplot of mpg vs. hp for each combination of gears and cylinders

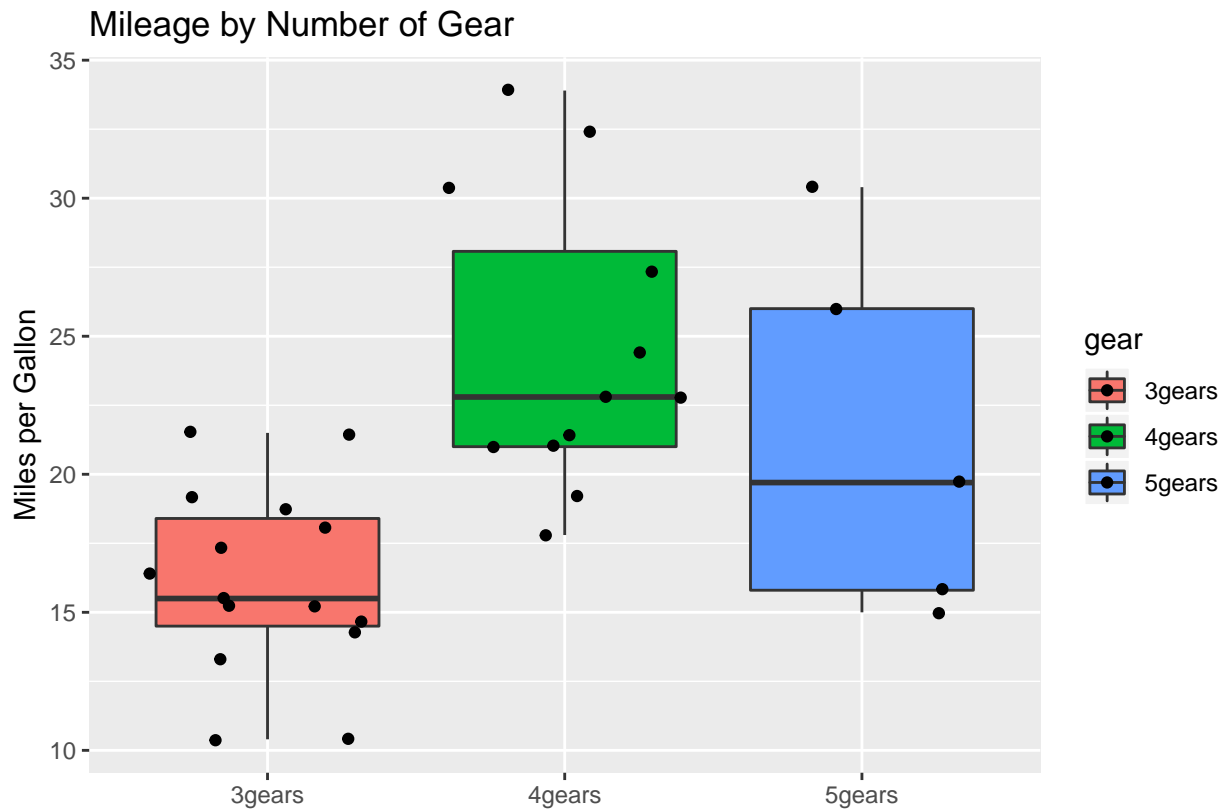


Separate regressions of mpg on weight for each number of cylinders

Warning: Ignoring unknown parameters: method, formula



Boxplots of mpg by number of gears



sessionInfo()

```
## R version 3.5.0 (2018-04-23)
## Platform: x86_64-pc-linux-gnu (64-bit)
## Running under: Ubuntu 16.04.5 LTS
##
## Matrix products: default
## BLAS: /usr/lib/atlas-base/atlas/libblas.so.3.0
## LAPACK: /usr/lib/atlas-base/atlas/liblapack.so.3.0
##
## locale:
##  [1] LC_CTYPE=C.UTF-8      LC_NUMERIC=C           LC_TIME=C.UTF-8
##  [4] LC_COLLATE=C.UTF-8    LC_MONETARY=C.UTF-8    LC_MESSAGES=C.UTF-8
##  [7] LC_PAPER=C.UTF-8      LC_NAME=C              LC_ADDRESS=C
## [10] LC_TELEPHONE=C        LC_MEASUREMENT=C.UTF-8 LC_IDENTIFICATION=C
##
## attached base packages:
## [1] stats    graphics  grDevices  utils      datasets  methods    base
##
## other attached packages:
## [1] ggplot2_3.1.0
##
## loaded via a namespace (and not attached):
## [1] Rcpp_1.0.0      bindr_0.1.1      knitr_1.20       magrittr_1.5
```

```
## [5] tidyselect_0.2.5 munsell_0.5.0 colorspace_1.3-2 R6_2.3.0
## [9] rlang_0.3.0.1 stringr_1.3.1 plyr_1.8.4 dplyr_0.7.7
## [13] tools_3.5.0 grid_3.5.0 gtable_0.2.0 withr_2.1.2
## [17] htmltools_0.3.6 assertthat_0.2.0 yaml_2.2.0 lazyeval_0.2.1
## [21] rprojroot_1.3-2 digest_0.6.18 tibble_1.4.2 crayon_1.3.4
## [25] bindrcpp_0.2.2 reshape2_1.4.3 purrr_0.2.5 glue_1.3.0
## [29] evaluate_0.12 rmarkdown_1.10 labeling_0.3 stringi_1.2.4
## [33] compiler_3.5.0 pillar_1.3.0 scales_1.0.0 backports_1.1.2
## [37] pkgconfig_2.0.2
```